

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~computer-readable~~ computer storage medium encoded with a color characterization profile format comprising:

a color management measurement data portion; and

a container configured to:

(1) store a plurality of color profiles associated with a plurality of devices, wherein each of the plurality of color profiles are editable by a generic text editor that is not specifically designed to edit color profiles specific to the container,

(2) receive and store one or more independent data extensions, wherein the one or more independent data extensions comprise additional extensions of color space information that are specific to an electronic device,

(3) provide a user operating the generic text editor access to a gamut mapping associated with the additional extensions of color space information,

(4) add an XML-based signature from the purveyor of the electronic device to the additional extensions of color space information, ~~and~~

(5) use the XML-based signature to deny the user the ability to edit the additional extensions of color space information, and

(6) permit incorporation of executable code.

2. (Currently Amended) The color characterization profile format of claim 1, wherein said container includes at least one linked and embedded object.

3. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container includes extensible markup language.

4. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container is an advanced systems format container.

5. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container is configured to enable private data extensions.

6. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 5, wherein said container is configured to operate interface description language, and to store a rendering intent separate from the color management measurement data portion, wherein said container includes at least one linked and embedded object.

7. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container is configured to operate interface description language.

8. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container is configured to store a rendering intent separate from the color management measurement data portion.

9. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container is configured to be edited by a text editor application.

10. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container is configured to prevent tampering with the color characterization profile format.

11. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim 1, wherein said container is operable across a plurality of operating platforms.

12. (Cancelled).

13. (Currently Amended) The ~~color characterization profile format~~ computer storage medium of claim ~~12~~ 1, wherein the executable code provides instructions to translate the color management measurement data portion into color management representations.

14. (Currently Amended) A ~~computer-readable~~ computer storage medium having a computer-executable data structure for maintaining a color characterization profile format, the data structure comprising:

a color management measurement data portion; and

a container configured to:

(1) store a plurality of color profiles associated with a plurality of devices, wherein each of the plurality of color profiles are editable by a generic text editor that is not specifically designed to edit color profiles specific to the container,

(2) receive and store one or more independent data extensions, wherein the one or more independent data extensions comprise additional extensions of color space information that are specific to an electronic device,

(3) provide a user operating the generic text editor access to a gamut mapping associated with the additional extensions of color space information,

(4) add an XML-based signature from the purveyor of the electronic device to the additional extensions of color space information, ~~and~~

(5) use the XML-based signature to deny the user the ability to edit the additional extensions of color space information, and

(6) permit incorporation of executable code.

15. (Currently Amended) The ~~computer-readable~~ computer storage medium of claim 14, wherein said container includes at least one linked and embedded object.

16. (Currently Amended) The ~~computer-readable~~ computer storage medium of claim 14, wherein said container is configured to enable private data extensions.

17. (Currently Amended) The ~~computer-readable~~ computer storage medium of claim 16, wherein said container is configured to operate interface description language, and to store a rendering intent separate from the color management measurement data portion, wherein said container includes at least one linked and embedded object.

18. (Currently Amended) The ~~computer-readable~~ computer storage medium of claim 14, wherein said container is configured to operate interface description language.

19. (Currently Amended) The ~~computer-readable~~ computer storage medium of claim 14, wherein said container is configured to store a rendering intent separate from the color management measurement data portion.

20. (Previously Canceled).

21. (Currently Amended) A ~~computer-readable~~ computer storage medium encoded with a software architecture for maintaining a color characterization profile format, comprising:

at least one component configured to maintain color management measurement data and a container, said container configured to provide digital rights management capabilities, wherein the container is configured to:

(1) store a plurality of color profiles associated with a plurality of devices, wherein each of the plurality of color profiles are editable by a generic text editor that is not specifically designed to edit color profiles specific to the container,

(2) receive and store one or more independent data extensions, wherein the one or more independent data extensions comprise additional extensions of color space information that are specific to an electronic device,

(3) provide a user operating the generic text editor access to a gamut mapping- associated with the additional extensions of color space information;

(4) add an XML-based signature from the purveyor of the electronic device to the additional extensions of color space information, ~~and~~

(5) use the XML-based signature to deny the user the ability to edit the additional extensions of color space information; and

(6) permit incorporation of executable code; and

at least one application program interface to access the at least one component.

22. (Currently Amended) The computer storage media encoded with software architecture of claim 21, wherein the at least one application program interface is configured to access the at least one component responsive to a request.

23. (Currently Amended) A ~~computer-readable~~ computer storage medium encoded with a color characterization profile comprising:

intra-device objective measurement data;

analytical device model parameter data;

timing data representing when the intra-device measurement data and analytical device model parameter data was last edited;

a container configured to:

(1) store a plurality of color profiles associated with a plurality of devices, wherein each of the plurality of color profiles are editable by a generic text editor that is not specifically designed to edit color profiles specific the container,

(2) receive and store one or more independent data extensions, wherein the one or more independent data extensions comprise additional extensions of color space information that are specific to an electronic device,

(3) provide a user operating the generic text editor access to a gamut mapping- associated with the additional extensions of color space information,

(4) add an XML-based signature from the purveyor of the electronic device to the additional extensions of color space information, ~~and~~

(5) use the XML-based signature to deny the user the ability to edit the additional extensions of color space information, and

(6) permit incorporation of executable code.

24. (Currently Amended) The computer storage media encoded with the color characterization profile of claim 23, wherein the analytical device model parameter data is derived from statistical analysis of a series of target measurements.

25. (Currently Amended) The computer storage media encoded with the color characterization profile of claim 23, wherein the timing data determines which of the intra-device objective measurement data and the analytical device model parameter data is used by an application program.

26. (Currently Amended) The computer storage media encoded with the color characterization profile of claim 23, further comprising a container, wherein the container is configured to provide digital rights management capabilities.

27. (Currently Amended) The computer storage media encoded with the color characterization profile of claim 26, wherein the digital rights management capabilities prevent changes to the intra-device objective measurement data and the analytical device model parameter data.

28. (Currently Amended) The computer storage media encoded with the color characterization profile of claim 26, wherein the container includes extensible markup language.

29. (Currently Amended) The computer storage media encoded with the color characterization profile of claim 26, wherein the container is an advanced systems format container.

30. (Cancelled).

31. (Currently Amended) The computer storage media encoded with the color management characterization profile of claim ~~30~~ 23, wherein the executable code provides instructions to translate the intra-device objective measurement data into color measurement representations.

32. (Currently Amended) The computer storage media encoded with the color management characterization profile of claim ~~30~~ 23, wherein the executable code provides instructions to translate the analytical device model parameter data into color measurement representations.